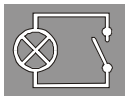

Chapter 4

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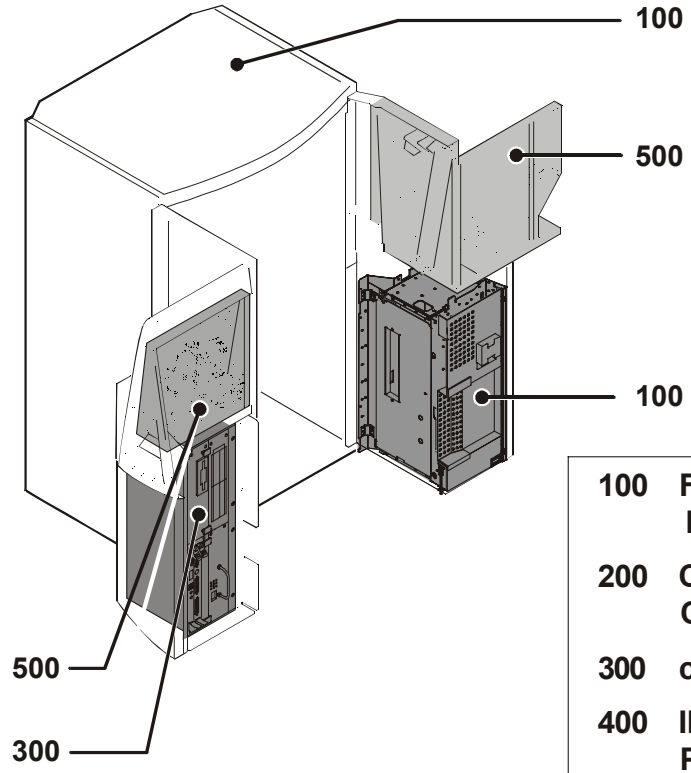
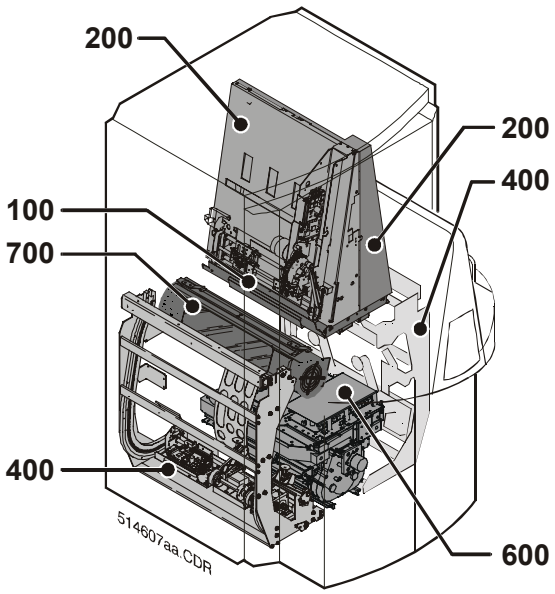
A Identification Diagrams

1 Units of the ADC Compact Plus Digitizer (Overview)

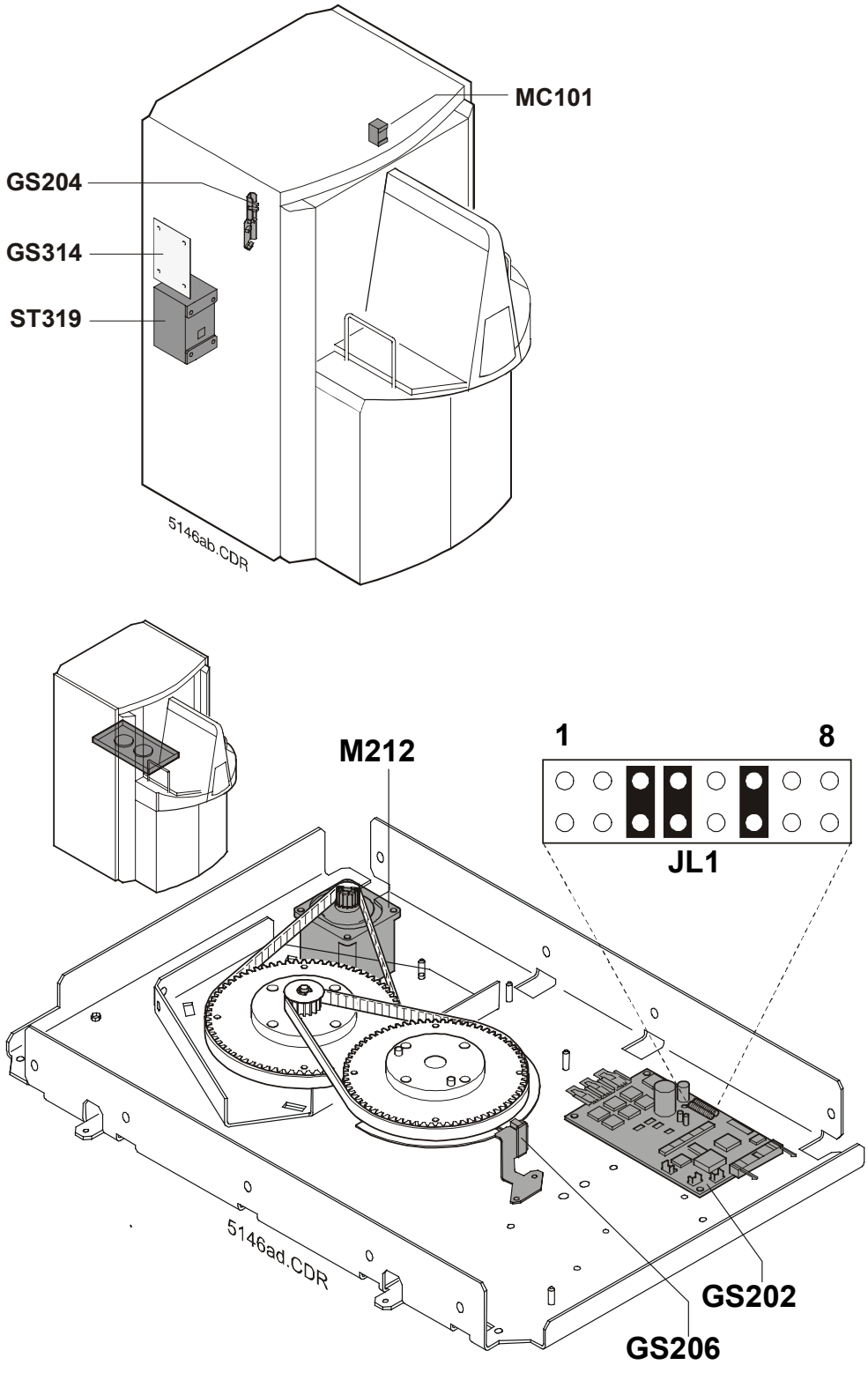


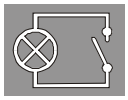
100	Frame / Rotation Unit PowerUnit
200	Cassette Unit 1 / Cassette Unit 2
300	cPCI Rack
400	IP Transport Units Prescan / Postscan
500	Inputbuffer / Outputbuffer
600	Optic Module
700	Erasure Unit



2 Frame / Rotation Unit (Assembly No. 100)

2.1 Diagram



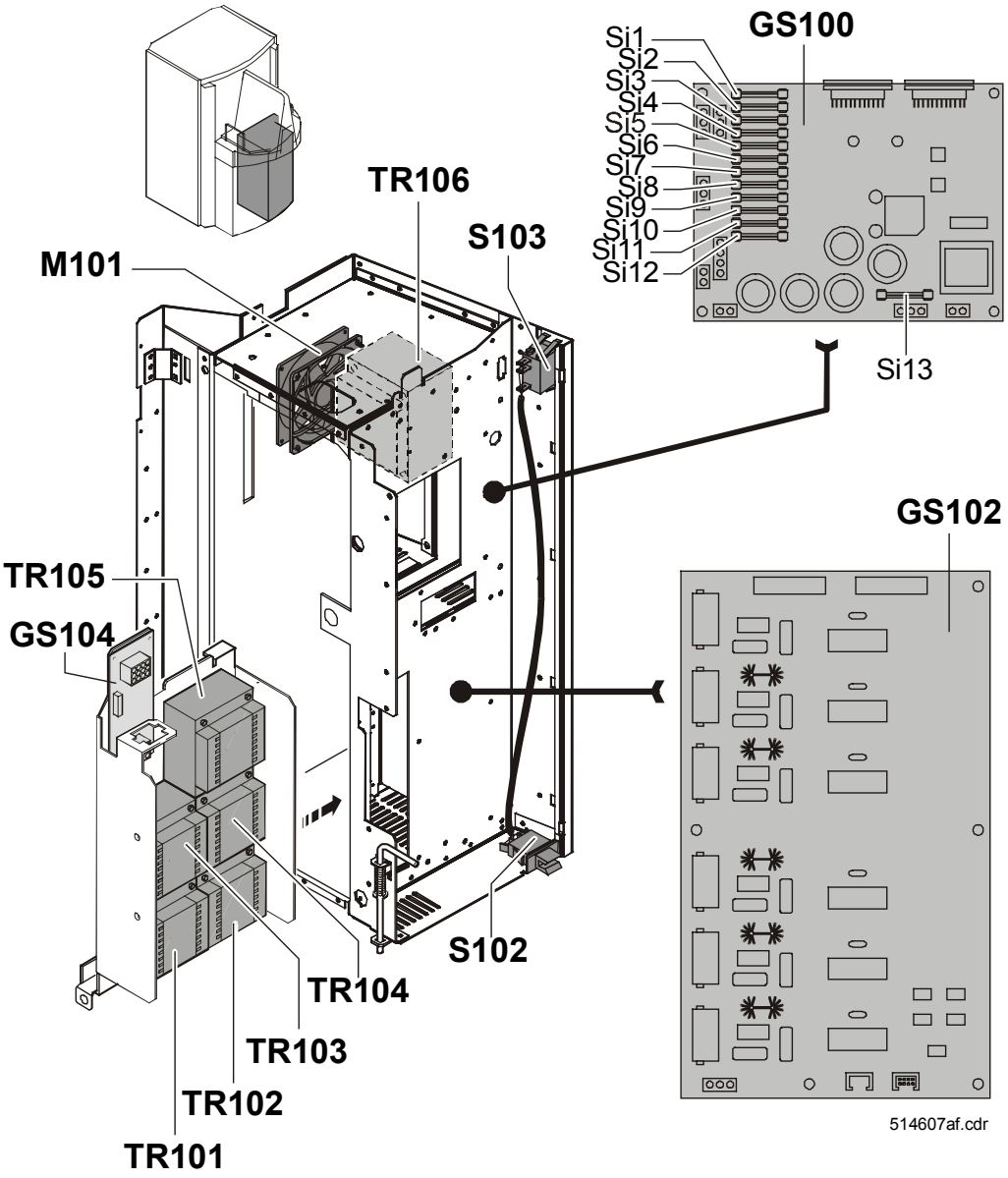


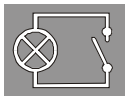
2.2 Table of Components

Ass.	Abbre-viation	Designation (also used by Diagnosis Mode)	Function	Circuit diagram page/ coord.
100	GS202	ROTATION-BD	Rotation unit stepper motor control board	2/C1–E1
100	GS204	ROT-WORKPOS-LS	Rotation unit workposition (light barrier)	2/F1
100	GS206	ROTAT-O-POS-LS	Rotation unit home-position (light barrier)	2/F1
100	MC101	LINE-FILTER	2-phase line filter for power supply	1/A6–B6
100	M212	ROTATION DRIVE	Motor for rotation unit	2/B1
300	GS314	IOBUS-DISTRIB. (see pages 10/11)	I/O-BUS distributor board	3/G5–G6
300	ST319	ETHERNET (see pages 10/11)	Ethernet connector	3/H2

3 Power Unit (Assembly No. 100)

3.1 Diagram





3.2 Table of Components

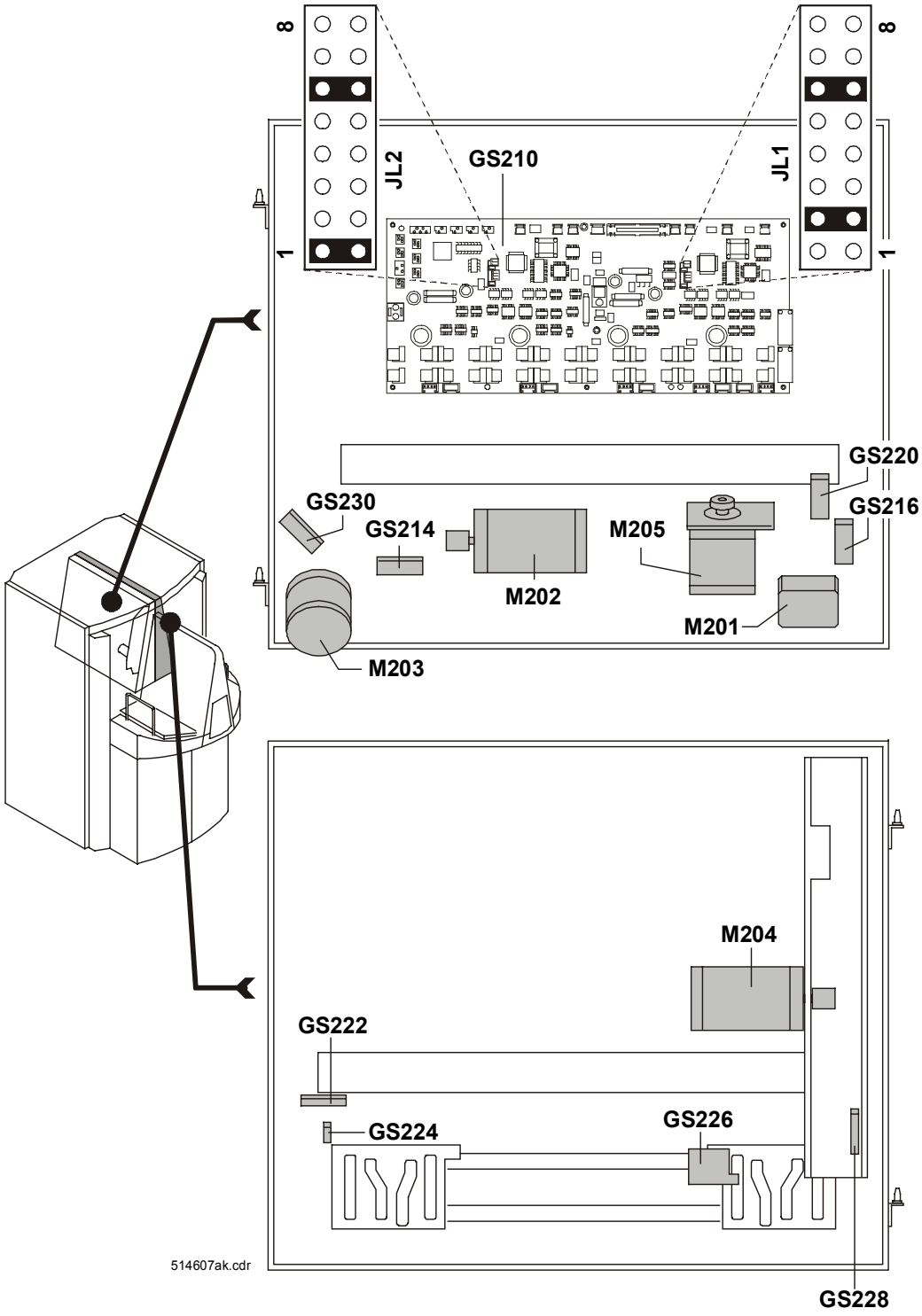
Ass.	Abbre-viation	Designation (also used by Diagnosis Mode)	Fuse	Quality
100	GS100	M-S-BOARD	SI 1 SI 2 SI 3 SI 4 SI 5 SI 6 SI 7 SI 8 SI 9 SI 10 SI 11 SI 12 SI 13	T 2.5A T 2.5A T 2.5A T 1A T 1A T 1A T 1A T 1A T 1A T 1A T 1A T 1A T 2.5A

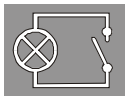
→M-S_Board on circuit diagram page 1, coord.B/C1 – B/C4

Ass.	Abbre-viation	Designation (also used by Diagnosis Mode)	Function	Circuit diagram page/ coord.
100	TR101	Transformer	Erasure Transformer Unit	1/F5
100	TR102	Transformer	Erasure Transformer Unit	1/F4
100	TR103	Transformer	Erasure Transformer Unit	1/F4
100	TR104	Transformer	Erasure Transformer Unit	1/F3
100	TR105	Transformer	Erasure Transformer Unit	1/F2
100	TR106	Transformer	Erasure Transformer Unit	1/F2
100	GS102	ERASURE-CTRL-BD	Erasure control board	1/E1–E6
100	GS104	CURRENT-SENSE	Current Sense Board for Erasure Unit	1/H3–H4
100	M101	POWER-UNIT-FAN	Power Unit Fan	1/D1
100	MC101	LINE FILTER	2-phase Line Filter	1/A6–B6
100	S102	INTERLOCK	Safety switch	1/D6
100	S103	MAIN SWITCH	Main Switch	1/C6

4 Cassette Module 1 (Assembly No. 200)

4.1 Diagram



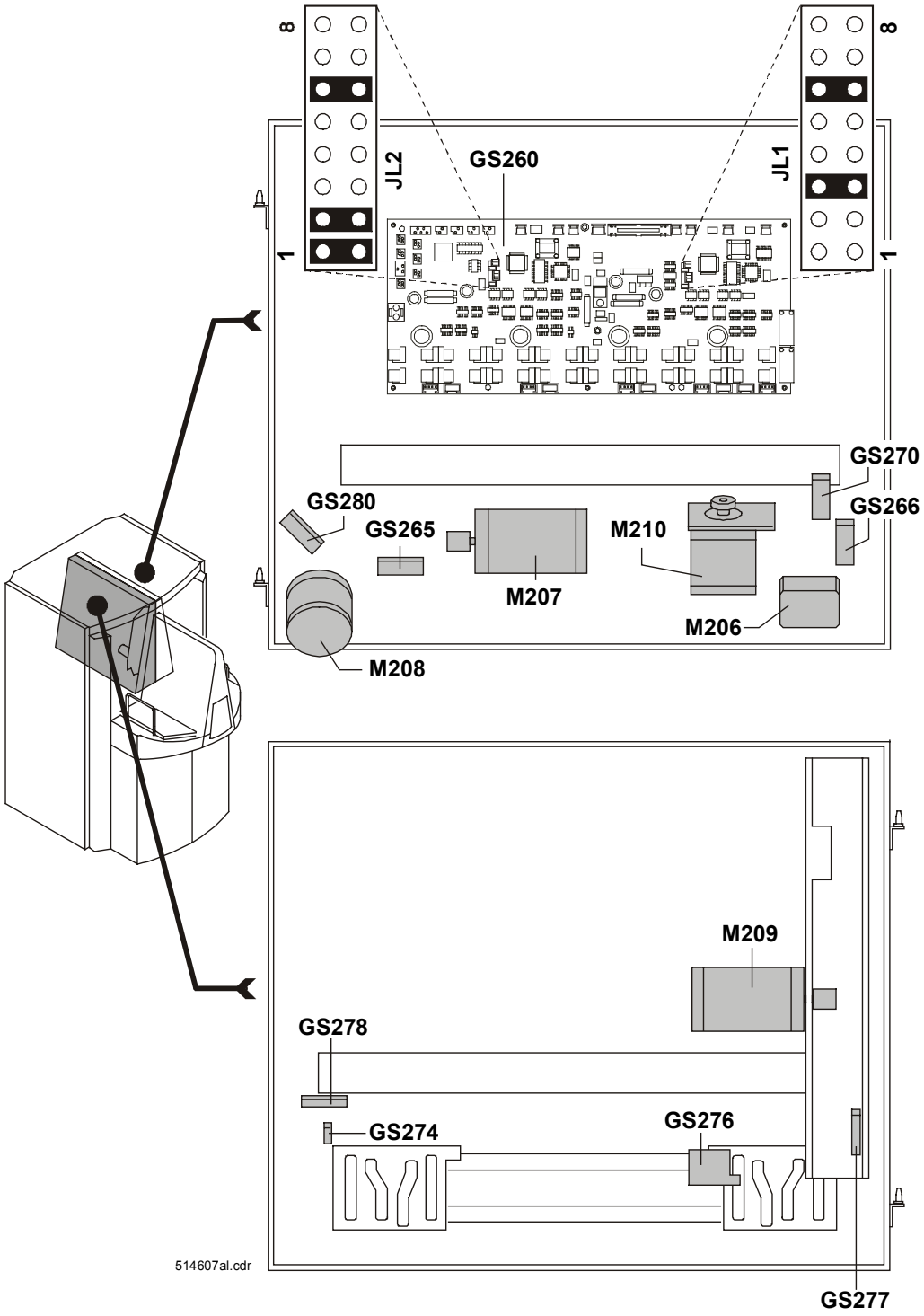


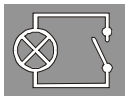
4.2 Table of Components

Ass.	Abbre-viation	Designation (also used by diagnosis Mode)	Function	Circuit diagram page/ coord.
200	M201	CASS1-ROLLER-MOT	Cassette Module 1: Roller Motor	2/B2–B3
200	M202	CASS1-LIFT-MOT	Cassette Module 1: Lift Motor	2/C2–C3
200	M203	CASS1-CLAMP-MOT	Cassette Module 1: Clamp Motor	2/D2–D3
200	M204	CASS1-OPENER-MOT	Cassette Module 1: Opener Motor	2/B2–B3
200	M205	CASS1-BELT-MOT	Cassette Module 1: Belt Motor	2/D2–D3
200	GS210	5FOLD-ST-CASS1	Cassette Module 1: 5fold stepper motor board	2/B4–E5
200	GS214	CASS1-LIFT-O-LS	Cassette Module 1: Lift-homeposition (light barrier)	2/D6
200	GS216	CASS1-IN-DET-LS (receiver)	Cassette Module 1: Cassette Detection (light barrier)	2/C6
200	GS220	CASS1-BELT-O-LS	Cassette Module 1: Belt-homeposition (light barrier)	2/E6
200	GS222	CASS1-IN-DET-LS (transmitter)	Cassette Module 1 Cassette Detection (light barrier)	2/B6–C6
200	GS224	CASS1-CLAMP-O-LS	Cassette Module 1: Clamp-homeposition (light barrier)	2/D6
200	GS226	CASS1-SWITCH	Cassette Module 1: Cassette Stop Switch	2/B6
200	GS228	CASS1-OPEN-O-LS	Cassette Module 1: Open-homeposition (light barrier)	2/B6
200	GS230	CASS1-CLAMP-LS	Cassette Module 1: Clamp-position (light barrier)	2/C6

5 Cassette Module 2 (Assembly No. 200)

5.1 Diagram



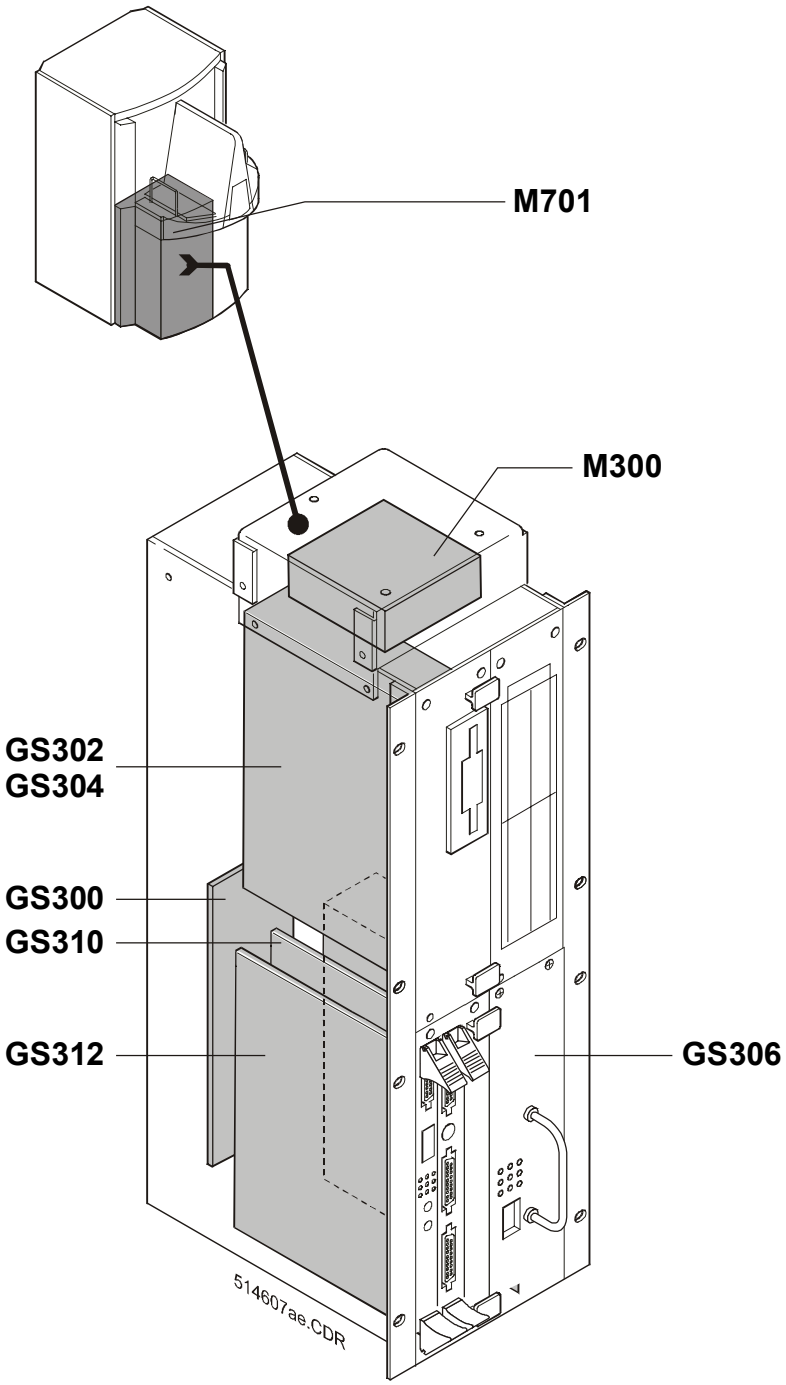


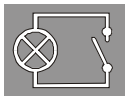
5.2 Table of Components

Ass.	Abbre-viation	Designation (also used by diagnosis Mode)	Function	Circuit diagram page/ coord.
200	M206	CASS2-ROLLER-MOT	Cassette Module 2: Roller Motor	2/F2–F3
200	M207	CASS2-LIFT-MOT	Cassette Module 2: Lift Motor	2/G2–G3
200	M208	CASS2-CLAMP-MOT	Cassette Module 2: Clamp Motor	2/H2–H3
200	M209	CASS2-OPEN-MOT	Cassette Module 2: Opener Motor	2/F2–F3
200	M210	CASS2-BELT-MOT	Cassette Module 2: Belt Motor	2/H2–H3
200	GS260	5FOLD-ST-CASS2	Cassette Module 2: 5fold stepper motor board	2/F4–H5
200	GS265	CASS2-LIFT-O-LS	Cassette Module 2: Lift-homeposition (light barrier)	2/H6
200	GS266	CASS2-IN-DET-LS (receiver)	Cassette Module 2: Cassette Detection (light barrier)	2/G6
200	GS270	CASS2-BELT-O-LS	Cassette Module 2: Belt-homeposition (light barrier)	2/H6
200	GS274	CASS2-CLAMP-O-LS	Cassette Module 2: Clamp-homeposition (light barrier)	2/H6
200	GS276	CASS2-SWITCH	Cassette Module 2: Cassette Stop Switch	2/F6
200	GS277	CASS2-OPEN-O-LS	Cassette Module 2: Open-homeposition (light barrier)	2/F7
200	GS278	CASS2-IN-DET-LS (transmitter)	Cassette Module 2: Cassette Detection (light barrier)	2/F6–G6
200	GS280	CASS2-CLAMP-LS	Cassette Module 2: Clamp-position (light barrier)	2/G6

6 cPCI – Rack (Assembly No. 300)

6.1 Diagram



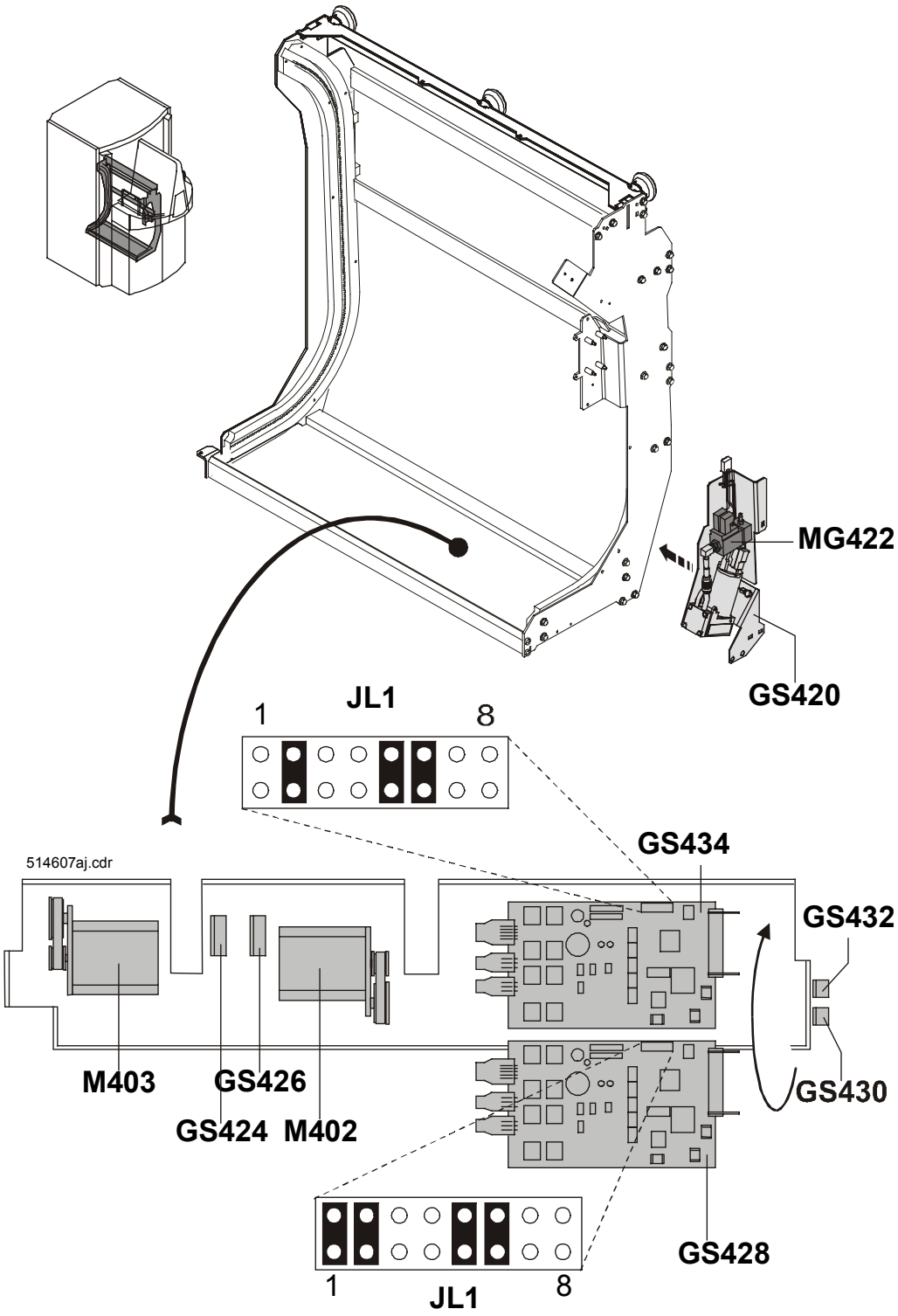


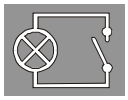
6.2 Table of Components

Ass.	Abbre-viation	Designation (also used by diagnosis Mode)	Function	Circuit diagram page/ coord.
300	M300	cPCI-RACK-FAN	cPCI-Rack: Fan	3/C6
300	GS300	BACKPLANE	cCPI-Rack: Backplane	3/D1–D6
300	GS302	HARDDISK	cCPI-Rack: Harddisk drive	3/B1–B2
300	GS304	FLOPPY	cCPI-Rack: Floppy drive	3/B2
300	GS306	cPCI-POWER	cCPI-Rack: Power unit	3/E6
300	GS310	SCAN-CTRL-MASTER	Scan Master Board	3/E2–E4
300	GS312	CPU-ARIEL	CPU-Ariel	3/E1–E2
300	GS314	IOBUS-DISTRIB (see pages 2/3)	I/O-BUS distributor board	3/G5–G6
300	ST319	ETHERNET (see pages 2/3)	Ethernet connector	3/H2
700	M701	ERASURE-UNIT-FAN (see pages 26/27)	Erasure Unit Fan	7/E2–F2

7 IP – Transport Unit Prescan (Assembly 400)

7.1 Diagram



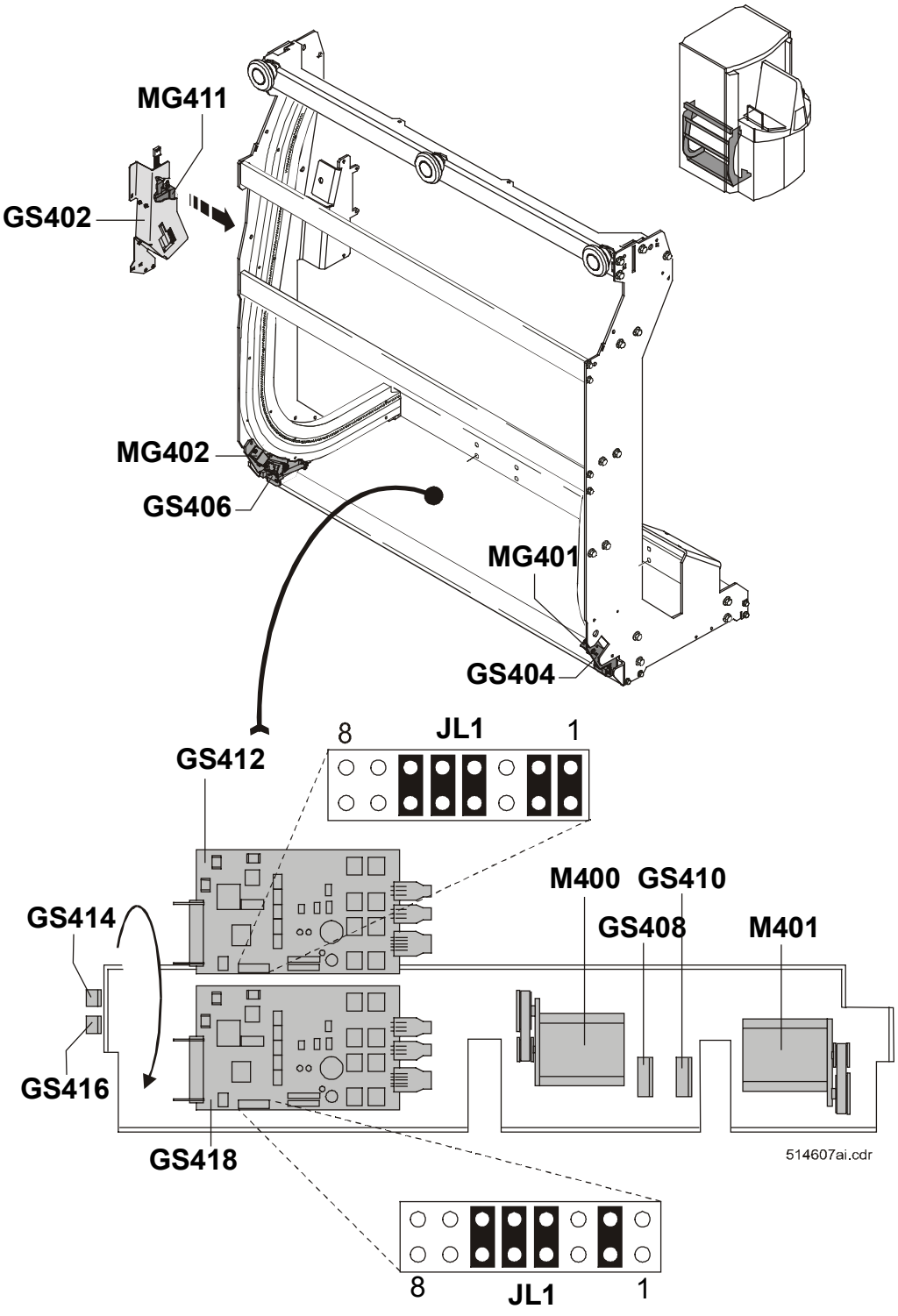


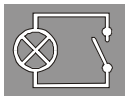
7.2 Table of Components

Ass.	Abbre-viation	Designation (also used by diagnosis Mode)	Function	Circuit diagram page/ coord.
400	M402	PRE-SUCT-DRIVE	Prescan suction motor	4/H3
400	M403	PRE-SLED-DRIVE	Prescan robot motor	4/H2
400	MG422	SOL-VALE-PRE	Solenoid valve - prescan	4/H5
400	GS420	PUMP-PRESC	Vacuum pump - prescan	4/H4–H5
400	GS424	PRE-SUC-POS-LS	Suction position – prescan (light barrier)	4/E3–F3
400	GS426	PRESC-SUCT-O-LS	Suction homeposition – prescan (light barrier)	4/F3
400	GS428	PRE-SUCTION-BD	Prescan suction board	4/G2–H2
400	GS430	PRE-SLEDPOS-LS	Robot - workposition – prescan (light barrier)	4/E2–F2
400	GS432	PRESC-SLED-O-LS	Robot homeposition - prescan (light barrier)	4/F2
400	GS434	PRESCAN-SLED-BD	Prescan robot board	4/G1–H2

8 IP – Transport Unit Postscan (Assembly 400)

8.1 Diagram



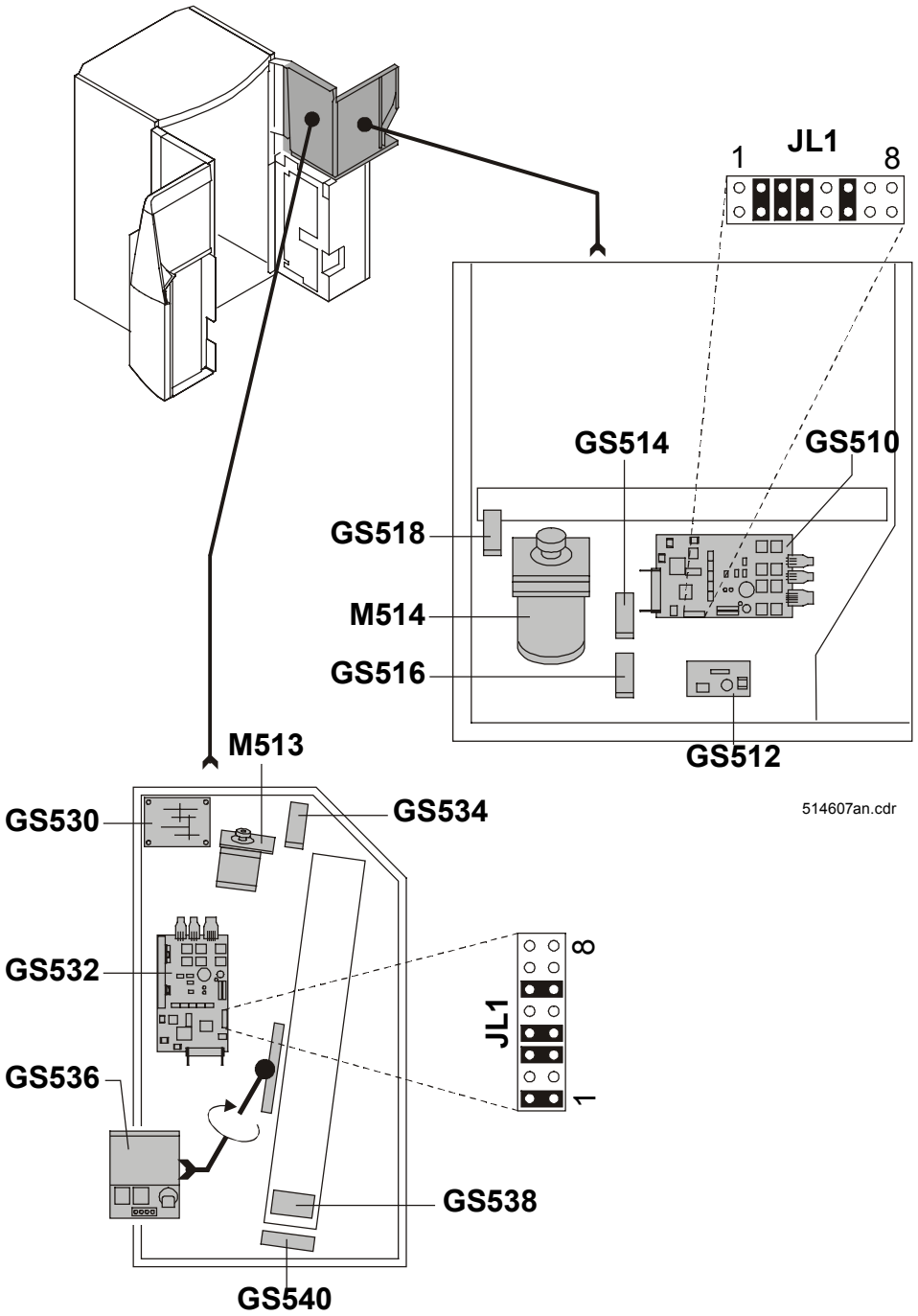


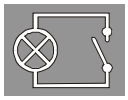
8.2 Table of Components

Ass.	Abbre-viation	Designation (also used by diagnosis Mode)	Function	Circuit diagram page/ coord.
400	M400	POST-SUCT-DRV	Postscan suction motor	4/D2
400	M401	POST-SLED-DRV	Postscan robot motor	4/D1
400	MG401	POINDS-MG-LEFT	Solenoid valve for parking position robot - left	4/A3
400	MG402	POINDS-MG-RIGHT	Solenoid valve for parking position robot - right	4/D3
400	MG411	SOL-VALE-POST	Solenoid valve – postscan	4/D5–E5
400	GS402	PUMP-POSTSC	Vacuum Pump - postscan	4/D4–D5
400	GS404	POINDS-LEFT-LS	Parking position for robot – left (light barrier)	4/A4
400	GS406	POINDS-RIGHT-LS	Parking position for robot – right (light barrier)	4/D4
400	GS408	POST-SUCT-POS-LS	Suction position - postscan (light barrier)	4/A2
400	GS410	POST-SUCT-O-LS	Suction homeposition (light barrier)	4/B2
400	GS412	POSTSC-SUCT-BD	Postscan suction board	4/C2–D2
400	GS414	POST-SLEDPOS-LS	Robot workposition - postscan (light barrier)	4/A1
400	GS416	POST-SLED-O-LS	Robot homeposition – postscan (light barrier)	4/B1
400	GS418	POST-SLED-BD	Postscan robot board	4/C1–D1

9 Input Buffer (Assembly 500)

9.1 Diagram



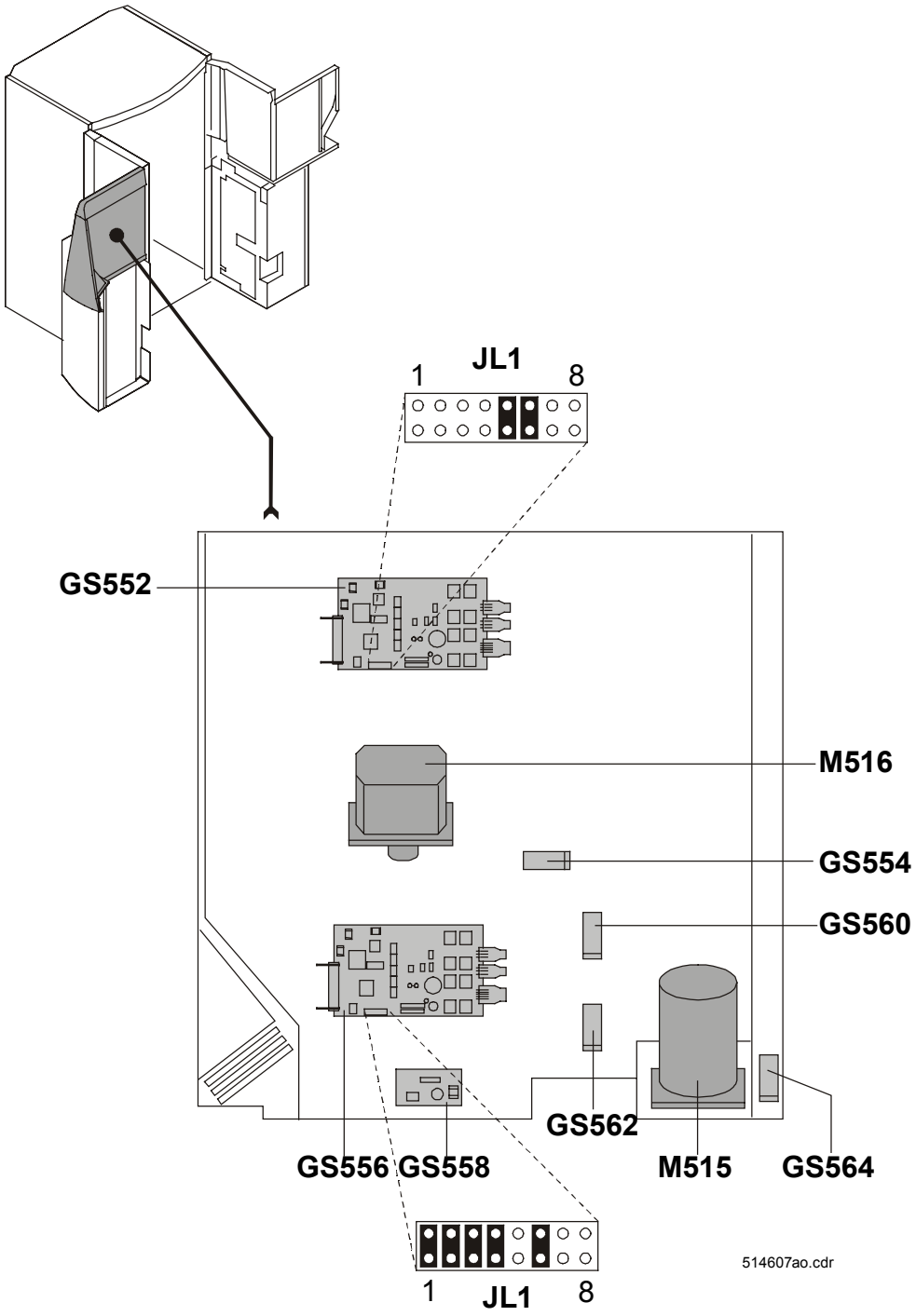


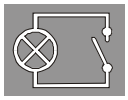
9.2 Table of Components

Ass.	Abbre-viation	Designation (also used by diagnosis Mode)	Function	Circuit diagram page/ coord.
500	M513	IBUFF-DOOR-DRV	Input buffer door motor	5/G3
500	M514	INBUFF-BLT-DRV	Input buffer belt motor	5/D3
500	GS510	INBUFF-BELT-BD	Input buffer belt board	5/D4–D5
500	GS512	INBUFF-CASS-DET	Input buffer cassette detection board	5/E5
500	GS514	INBUFF-CASS-DET (receiver)	Input buffer cassette detection (light barrier)	5/E6
500	GS516	INBUFF-CASS-DET (transmitter)	Input buffer cassette detection (light barrier)	5/D6–E6
500	GS518	INBUFF-BELT-LS	Input buffer belt-position (light barrier)	5/D6
500	GS530	EMERGENCY NODE	Emergency Node	5/H6
500	GS532	INBUFF-DOOR-BD	Input buffer door board	5/G4–G5
500	GS534	INBUFF-DOOR-LS	Input buffer door position (light barrier)	5/G6
500	GS536	RF-TAG-READER	RF-tag Reader	5/H3
500	GS538	RF-TAG-ANTENNA	RF-tag antenna	5/H4–H6
500	GS540	CASS-DOT-DET	Cassette Dot Detection (to recognize ADC cassettes)	5/F6

10 Output Buffer (Assembly 500)

10.1 Diagram



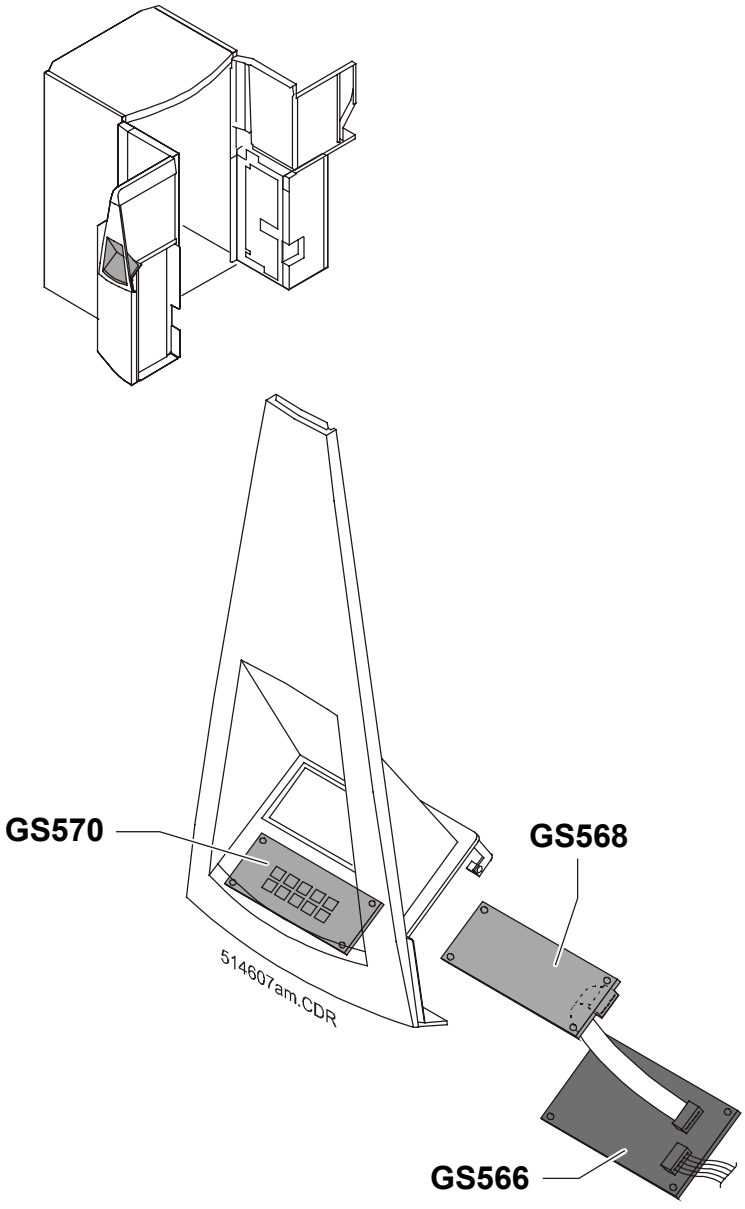


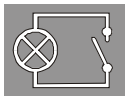
10.2 Table of Components

Ass.	Abbre-viation	Designation (also used by diagnosis Mode)	Function	Circuit diagram page/ coord.
500	M515	OUTB-ROLL-DRV	Output buffer roller drive motor	5/C3
500	M516	OUTB-PUSH-DRV	Output buffer push drive motor	5/A3
500	GS552	OUTBUFF-PUSH-BD	Output buffer push board	5/A4–A5
500	GS554	OUTBUFF-PUSH-LS	Output buffer push position (light barrier)	5/A6
500	GS556	OUTBUFF-ROLL-BD	Output buffer roller board	5/B4–C5
500	GS558	OBUFF-CASS-DET	Output buffer cassette Detection board	5/B5
500	GS560	OBUFF-CASS-DET (receiver)	Output buffer cassette detection (light barrier)	5/B6
500	GS562	OBUFF-CASS-DET (transmitter)	Output buffer cassette detection (light barrier)	5/A6
500	GS564	OUTBUFF-ROLL-LS	Output buffer roller position (light barrier)	5/C6

11 Operation Terminal (Assembly 500)

11.1 Diagram



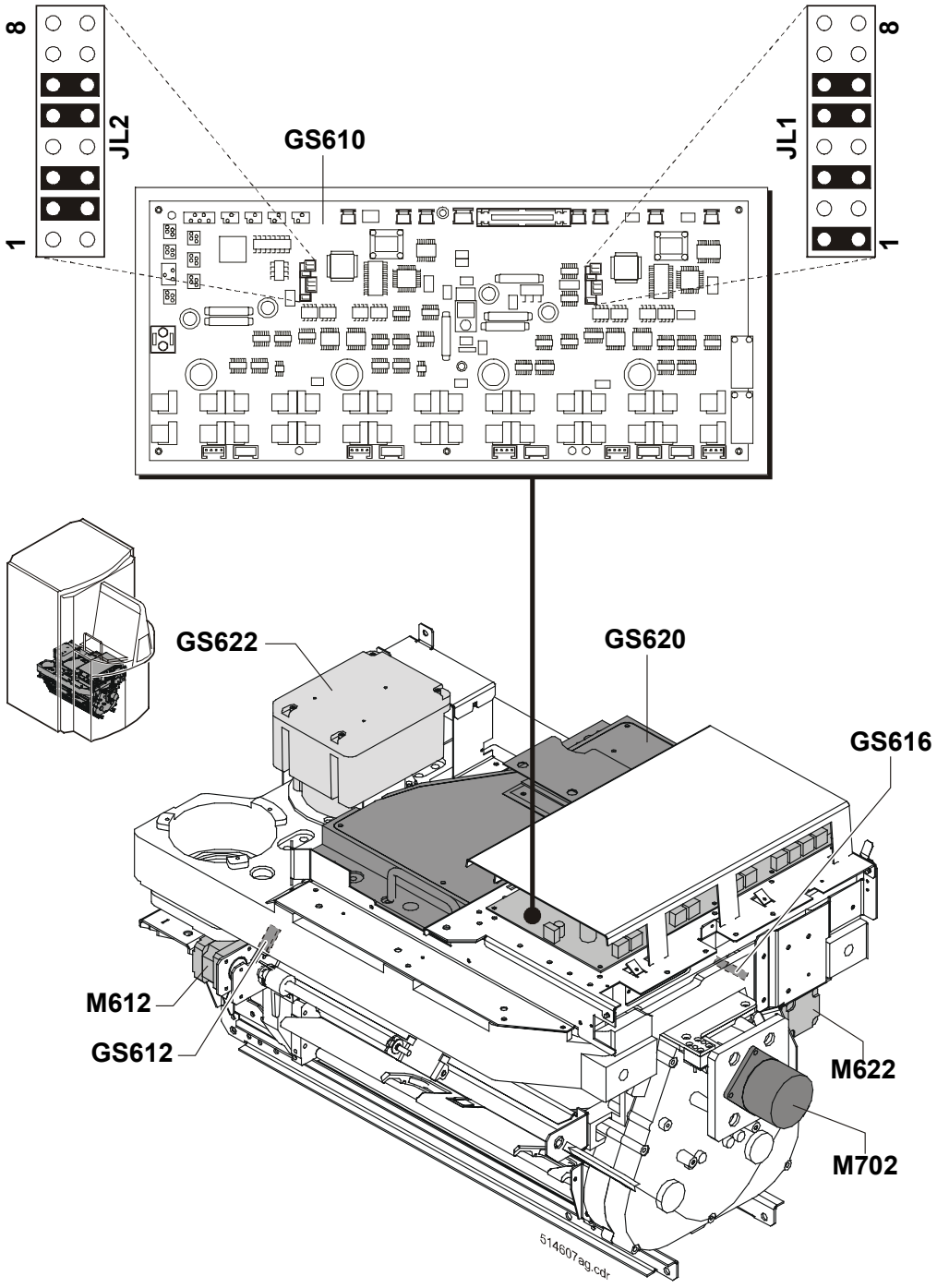


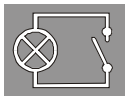
11.2 Table of Components

Ass.	Abbre-viation	Designation (also used by diagnosis Mode)	Function	Circuit diagram page/ coord.
500	GS566	LCD-TERMINAL-BD	LCD-Terminal Board	5/B1–B2
500	GS568	DISPLAY-LCD-MOD	Display LCD Module	5/A2
500	GS570	FLACHKEYBOARD	Keyboard	5/A1–B1

12 Optic Module – Top View (Assembly 600)

12.1 Diagram



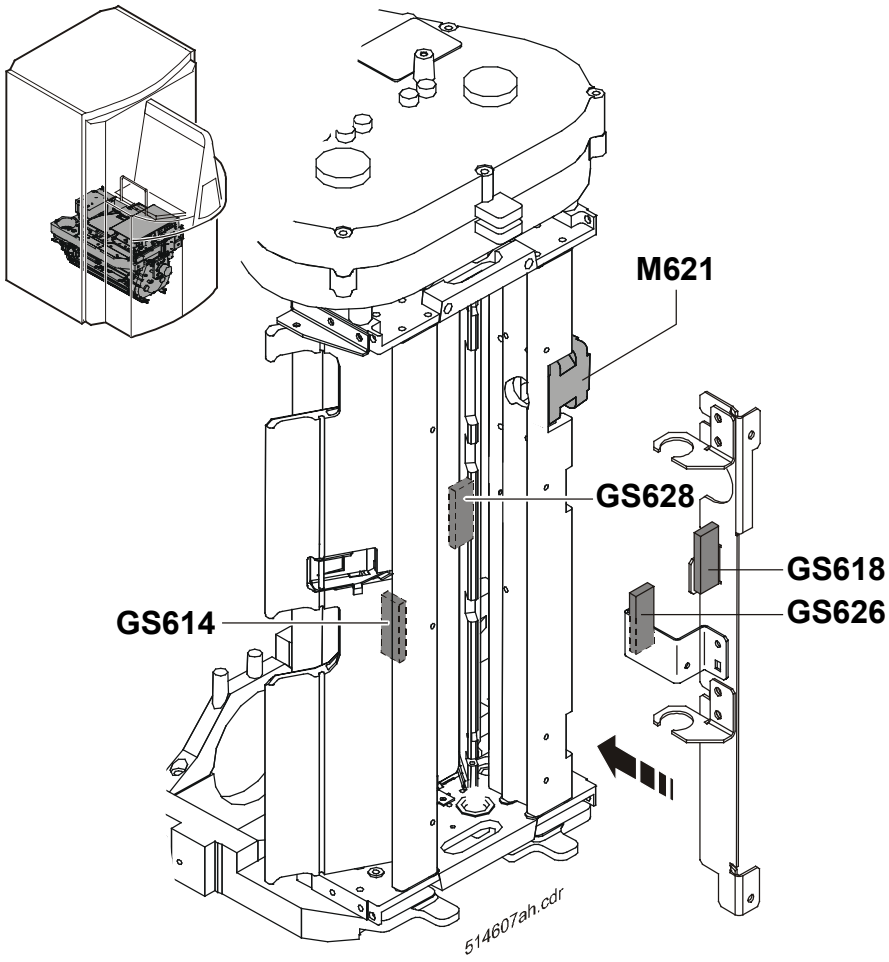


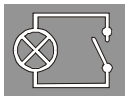
12.2 Table of Components

Ass.	Abbre-viation	Designation (also used by diagnosis Mode)	Function	Circuit diagram page/ coord.
600	M702	SLOWSCAN-DRV	Slowscan drive motor	6/E1
600	M612	POST-ALIGN-DRV	Postscan alignment drive motor	6/D1
600	M622	PRE-ALIGN-DRV	Prescan alignment drive motor	6/G1
600	GS610	5FOLD-ST-SCAN	5fold stepper motor board of scan unit	6/D3–H3
600	GS612	POST-ALIGN-LS	Postscan alignment position (light barrier)	6/D4–E4
600	GS616	PRE-ALIGN-LS	Prescan alignment position (light barrier)	6/H4
600	GS620	OPTIC MODUL	Optic Module	6/B1–B2
600	GS622	PM-TUBE	Photomultiplier Tube	6/B4–C4

13 Optic Module – Bottom View (Assembly 600)

13.1 Diagram



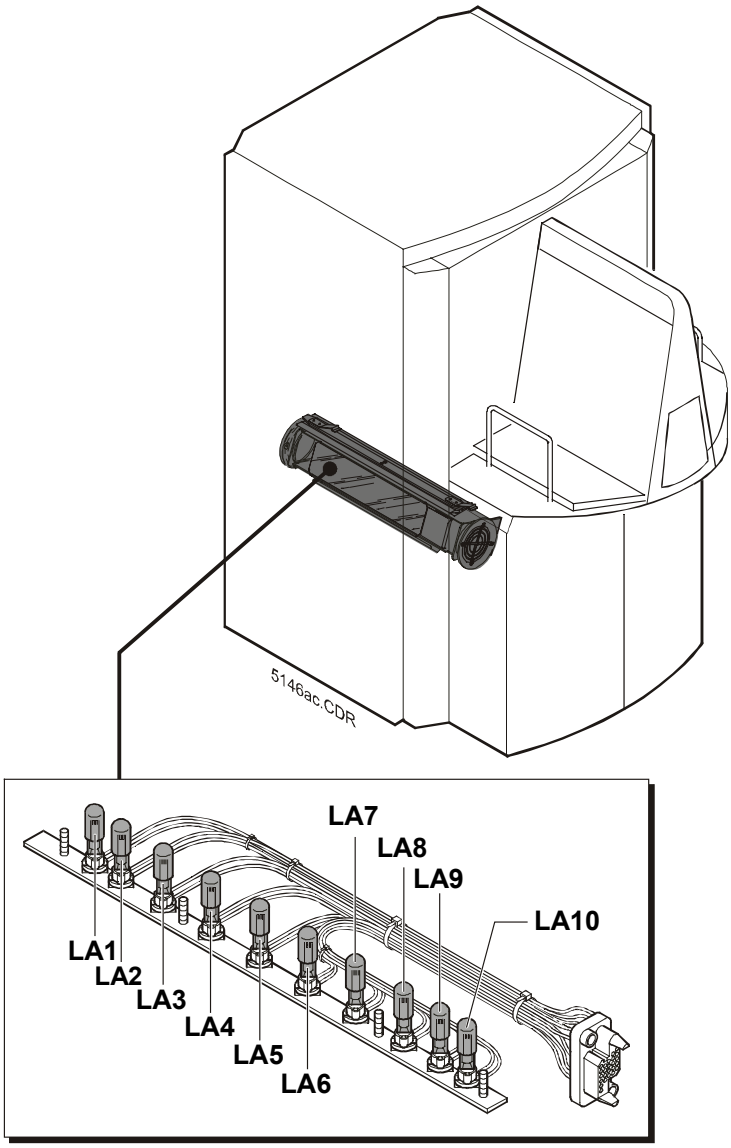


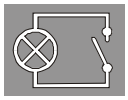
13.2 Table of Components

Ass.	Abbre-viation	Designation (also used by diagnosis mode)	Function	Circuit diagram page/ coord.
600	M621	ROLL-LIFT-DRV	Scan roller lift drive motor	6/H1
600	GS614	POST-IP-DET-LS	Postscan IP-detection (light barrier)	6/E4
600	GS618	ROLLER-LIFT-LS	Roller-Lift-Pos (Gap light barrier)	6/H4
600	GS626	BEGIN-O-SCAN-LS (transmitter)	Begin of scan position (light barrier)	6/F4
600	GS628	BEGIN-O-SCAN-LS (receiver)	Begin of scan position (light barrier)	6/G4

14 Erasure Unit (Assembly 700)

14.1 Diagram





14.2 Table of Components

Ass.	Abbre-viation	Designation (also used by diagnosis Mode)	Function	Circuit diagram page/ coord.
700	LA1 – LA10	-----	Lamps of the erasure unit	7/E5–H5
700	M701	ERASURE-UNIT-FAN (see pages 10/11)	Erasure Unit Fan	7/F2

B Circuit Diagrams of ADC Compact Plus Digitizer

F1.5146.4005.0 (sheet 1 – 7)

(see the following pages)

REARSIDE OF THE MACHINE

MC101-LINE-FILTER

INPUT

appliance inlet
IEC 320

10EBH1-V
MC101

250VAC
10A

S103-MAIN-SWITCH
3120-F321-10A-V
S103

Netz

Last

S102-INTERLOCK
F82-A-B120-V
S102

Equipotentiality

PE100 PE101 PE102 PE106

BU124 BU876 BU122 BU125 BU123 BU129 BU130 BU131 BU132 BU133 BU134 BU126 BU127 BU858 BU6 ST110 ST5

/3.6H (MA_Tuer_lins) MA120 MA122 MA123

/3.5A (Netz_Rack) BU105 ST105

ERASURE-TRANSF-UNIT

B9911095-V
TR101 TR102 TR103 TR104 TR105

BU1 BU2 BU3 BU4 BU5 ST101 ST102 ST104 ST106 ST107

230VAC 208VAC 200VAC 3.2AT 0V 13,0 VAC 30VAC

BU112 ST113 (Loesch_verdrillt) /7.4A

ST129 BU1 BU2 ST103

GS104 CURRENT-SENSE
F8.5155.6440.x

BU102 ST1 #20/22

ST2 #20/22 BU101 *20

BU114 ST3 TR106 B9911091-V T6.3A

GS102 ERASURE-CTRL-DB
F8.5155.6410.x

/4.6H (Prescan) BU136 #25 ST5 #0/27 GND-5 GND5

/4.6D (Postscan) ST122 #25 BU5 #0/27 GND_2 GND2

D42 RED 200V
D42 YELLOW 208V
D42 GREEN 230V
D14 RED SI1-12 OK
D14 YELLOW +24V
D14 GREEN +5V

ST6 BU135 ST3 BU113 BU137 ST4

SI12 T1A D32 GS428-PRE-SUCTION-BD
SI11 T1A D29 GS434-PRESCAN-SLED-BD
SI10 T1A D28 GS412-POSTSC-SUCT-BD
SI9 T1A D27 GS418-POST-SLED-BD
SI8 T1A D26 GS202-ROTATION-BD
SI7 T1A D25 GS552-OUTBUFF-PUSH-BD
SI6 T1A D24 GS556-OUTBUFF-ROLL-BD
SI5 T1A D23 GS532-INBUFF-DOOR-BD
SI4 T1A D22 GS510-INBUFF-BELT-BD
SI3 T2,5A D21 GS610-5FOLD-ST-SCAN
SI2 T2,5A D20 GS260-5FOLD-ST-CASS2
SI1 T2,5A D19 GS210-5FOLD-ST-CASS1

/5.1C (SM_Outbuffer) /2.1A (Cas_Rotation) /7.2A (Erasure_Fan) ST115 BU4

/5.1D (Inbuff_Belt) /5.1F (Inbuff_Door) ST116 BU3

/2.6A (Cass_Unit1_2) 1 +40V 2 GND CASS_1 3 +40V 4 GND CASS_2 BU115 *4 ST4 *4/4

/6.6F (SM_Scan) 1 +40V 2 GND ST117 *2 BU2 *2/2

/5.1D (IO_MSB) BU103 *26 ST1 *26/26

GS100 M-S-BOARD
F8.5146.4893.x

POWER-UNIT-FAN
SI13 T2,5A D33 Green
+24V
ST2 BU120
ALARM WHITE
GND BLACK
+24V RED
M101

BU6 ST114 BU104 (1) 26

					DATUM	NAME	Gesamtschaltplan 1/7	TYP
				BEARB	21.03.01	LUX	ADC Compact Plus	5146/
				GEPR			POWER UNIT	100
				NORM				
0	21957			AGFA-GEVAERT FOTOTECHNIK MUENCHEN			F1.5146.4003.0	
AE-Z	AE-NR	DATUM	NAME				ERSATZ FUER	

A B C D E F G H

F8.8360.7000.x GS226-CASS1-SWITCH
F8.9499.6580.x GS228-CASS1-OPEN-0-LS
F8.9499.4630.x GS222-CASS1-IN-DET-LS
F8.5100.7460.x GS216-CASS1-IN-DET-LS
F8.9499.6540.x GS230-CASS1-CLAMP-LS
F8.9499.5880.x GS224-CASS1-CLAMP-0-LS
F8.9499.6540.x GS214-CASS1-LIFT-0-LS
F8.9499.6540.x GS220-CASS1-BELT-0-LS

F8.8360.7000.x GS276-CASS2-SWITCH
F8.9499.6580.x GS277-CASS2-OPEN-0-LS
F8.9499.4630.x GS278-CASS2-IN-DET-LS
F8.5100.7460.x GS266-CASS2-IN-DET-LS
F8.9499.6540.x GS280-CASS2-CLAMP-LS
F8.9499.4630.x GS274-CASS2-CLAM-LS-
F8.9499.6540.x GS265-CASS2-LIFT-0-LS
F8.9499.6540.x GS270-CASS2-BELT-0-LS

(Cass_Unit1_2) /1.2A
(IO_Cass_Units) /3.5H
XL200 PE8
XL201 PE9
XL202 PE10
XL203 PE7
BU200 ST200 GND 8 GND 7 +40V 6 +40V 5 GND 4 GND 3 +40V 2 +40V 1
BU201 ST201 ST204
BU203 ST203
BU866
BU208 ST205
BU236 ST206

GS210
5FOLD-ST-CASS1
F8.9499.8120.x
CASSETTE_MODUL 1
SUBNODE 1
SUBNODE 2

GS260
5FOLD-ST-CASS2
F8.9499.8120.X
CASSETTE_MODUL 2
SUBNODE 1
SUBNODE 2

BU225 BU226 BU227 BU228 BU229
BU230 BU231 BU232 BU233 BU234 BU235
ST4-01A-ADAP-V
ST236 ST237 ST238
200MA1 200MA2 200MA3 200MA4 200MA5 200MA6 200MA7 200MA8 200MA9 200MA10

BU253 BU254 BU255 BU256 BU257
BU258 BU259 BU260 BU261 BU262 BU263
ST258 ST260 ST262
200MA11 200MA12 200MA13 200MA14 200MA15 200MA16 200MA17 200MA18 200MA19 200MA20

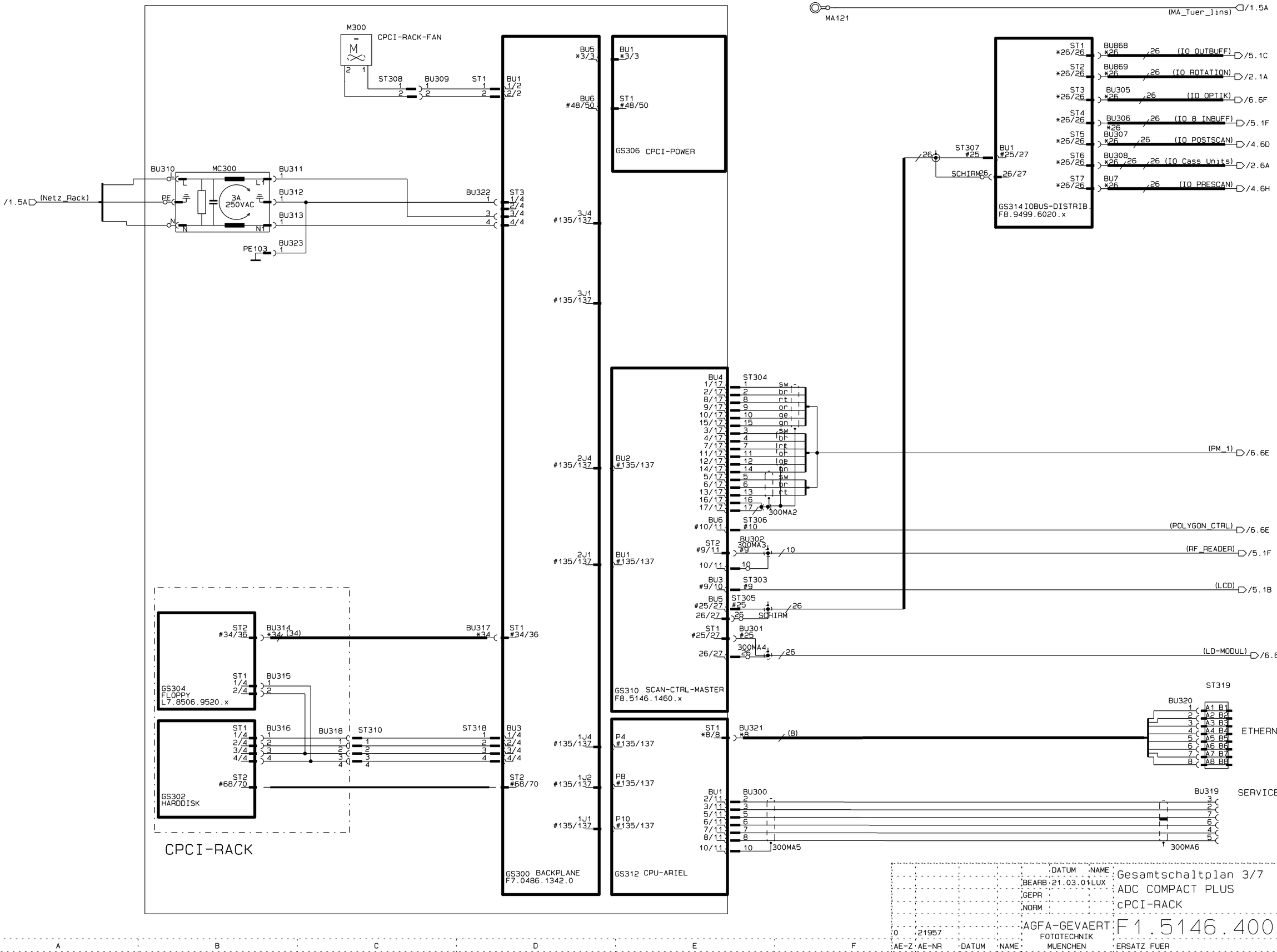
M201-CASS1-ROLLER-MOT F8.5145.4524.x
M204-CASS1-OPENER-MOT F8.5120.5165.x (1)
M202-CASS1-LIFT-MOT F8.5120.5165.x
M205-CASS1-BELT-MOT F8.5120.5165.x
M203-CASS1-CLAMP-MOT F8.5120.5165.x
M206-CASS2-ROLLER-MOT F8.5145.4524.x
M209-CASS2-OPEN-MOT F8.5120.5165.x
M207-CASS2-LIFT-MOT F8.5120.5165.x
M210-CASS2-BELT-MOT F8.5120.5165.x
M208-CASS2-CLAMP-MOT F8.5120.5165.x

/3.6H (IO_ROTATION)
/1.3A (Cas_Rotation)
BU264 BU265 BU266
GS202
-ROTATION-BD
F8.9499.8140.X
JL1
200MA21 200MA22
M212-ROTATION-DRIVE F8.5145.4574.x

F8.5145.9010.x GS206-ROTAT-0-POS-LS
F8.9499.6770.x GS204-ROT-WORKPOS-LS
BU267 BU269 BU268 BU270

					DATUM	NAME	Gesamtschaltplan 2/7
					BEARB	21.03.01 LUX	ADC Compact Plus
					GEPR		CASSETTE UNIT
					NORM		
0	21957				AGFA-GEVAERT FOTOTECHNIK MUENCHEN		F1.5146.4003.0
AE-Z	AE-NR	DATUM	NAME				ERSATZ FUER

TYP 5146/100


M300
CPCI-RACK-FAN
ST308
BU309
ST1
BU1
1/2
2/2
BU5
*3/3
BU6
#48/50
BU1
*3/3
ST1
#48/50
GS306 CPCI-POWER
3J4
#135/137
3J1
#135/137
2J4
#135/137
2J1
#135/137
BU2
#135/137
BU1
#135/137
BU310
MC300
BU311
BU312
BU313
BU322
ST3
1/4
2/4
3/4
4/4
/1.5A
(Netz_Rack)
PE
N
L
3A
250VAC
PE103
BU323
BU4
ST304
1/17
2/17
8/17
9/17
10/17
15/17
3/17
4/17
7/17
11/17
12/17
14/17
5/17
6/17
13/17
16/17
17/17
sw
br
rt
or
ge
gn
300MA2
BU6
#10/11
ST306
#10
(POLYGON_CTRL)
/6.6E
ST2
#9/11
BU302
300MA3
#9
(RF_READER)
/5.1F
BU3
#9/10
ST303
#9
(LCD)
/5.1B
BU5
#25/27
ST305
#25
SCHIRM
26/27
ST1
#25/27
BU301
300MA4
(LD-MODUL)
/6.6F
GS310 SCAN-CTRL-MASTER
F8.5146.1460.x
MA121
(MA_Tuer_lins)
/1.5A
ST307
#25
BU1
#25/27
SCHIRM
GS314 IOBUS-DISTRIB.
F8.9499.6020.x
ST1
*26/26
BU868
(IO OUTBUFF)
/5.1C
ST2
BU869
(IO ROTATION)
/2.1A
ST3
BU305
(IO OPTIK)
/6.6F
ST4
BU306
(IO 8 INBUFF)
/5.1F
ST5
BU307
(IO POSTSCAN)
/4.6D
ST6
BU308
(IO Cass Units)
/2.6A
ST7
BU7
(IO PRESCAN)
/4.6H
(PM_1)
/6.6E
ST319
BU320
ETHERNET
BU321
(8)
BU319
SERVICE
BU300
300MA5
300MA6
ST2
#34/36
BU314
(34)
BU317
ST1
#34/36
GS304
FLOPPY
L7.8506.9520.x
BU315
ST1
BU316
BU318
ST310
ST318
BU3
ST2
#68/70
GS302
HARDDISK
CPCI-RACK
GS300 BACKPLANE
F7.0486.1342.0
P4
#135/137
P8
#135/137
P10
#135/137
1J4
#135/137
1J2
#135/137
1J1
#135/137
GS312 CPU-ARIEL

| | | |

POST TRANSPORT UNIT

PRE TRANSPORT UNIT

PE104
PE105
XL 752
(1)
PE2
XL 402
PE3
XL 403
PE4
XL 401
PE5

BU857 *10 S4554 S4557 ST715
BU400 26 #25 ST400 #25 25
BU400 20 ST400 26 GND3 GND_3
ST401 *26 BU401 *26 25 26 (IO_POSTSCAN) /3.5H (Postscan) /1.3A

SUCT. GND 17
SUCT. GND 4
SUCT. +40V 16
SUCT. +40V 3
SLED GND 15
SLED GND 2
SLED +40V 14
SLED +40V 1

BU402 26 #26 ST408 #26 25

ST409 ST4-01A-ADAP-V
8 and 21
7 and 20
6 and 19
5 and 18
BU855
BU460
BU461 1 1 BU462
BU463 1 1 BU464

GS401 SOL-VALE-POST Magnetventil F7.0424.2164.0
GS402 PUMP-POSTSC Vakuumpumpe F7.0431.7210.0

ST403 *26 BU425 *26 25 26 (IO_PRESCAN) /3.5H (Prescan) /1.4A
BU424 GND4 1 26 ST402 26 GND_4
BU424 #25 ST402 #25 25 26
16

BU426 26 #26 ST404 (L) #26
ST714 ST4-01A-ADAP-V
BU427
BU450 +24V +24V GND
BU451 1 1 BU452
BU453 1 1 BU454

GS422 SOL-VALE-PRE Magnetventil F7.0424.2164.0
GS420 PUMP-PRESC Vakuumpumpe F7.0431.7210.0

POINDS-LEFT-LS
GS404 F8.9499.5880.x
BU843 1 2 3

POINDS-RIGHT-LS
BU842 1 2 3
GS406 F8.9499.5880.x

HU-24-F-24V-V MG401 POINS-MG-LEFT
BU445 ST406 1 2 1 2

POINDS-MG-RIGHT HU-24-F-24V-V MG402
ST407 BU446 1 2 1 2

F8.5145.4524.x POST-SUCT-DRV M400
BR OR RT GE
400MA2

GS408 F8.9499.5880.x
ST1 #4/6 BU410 *4
POST-SUCT-POS-LS

GS410 F8.9499.5880.x
ST1 #4/6 BU411 *4
POST-SUCT-0-LS

BU415 2 +40V 4 GND
ST2 #4/6
ST3 #4/6
ST1 *26/26
ST4 1/5 2/5
4/5 5/5
JL1 12345678
ST5 1/4 2/4 3/4 4/4
BU412 *4 BU413 *4 BU414 *26
BU416 1 2 3 4

GS412 POSTSC-SUCT-BD F8.9499.8140.x

27 and 28
29 and 30
31 and 32
33 and 34

F8.5145.4574.x POST-SLED-DRV M401
400MA1

GS414 F8.9499.5880.x
ST1 #4/6 BU417 *4
POST-SLEDPOS-LS

GS416 F8.9499.5880.x
ST1 #4/6 BU418 *4
POST-SLED-0-LS

BU422 2 +40V 4 GND
BU419 *4 BU420 *4 BU421 *26
BU423 1 2 3 4

GS418 POST-SLED-BD F8.9499.8140.x

POSTSLED

F8.5145.4524.x PRE-SUCT-DRIVE M402
BR OR RT GE
400MA6

GS424 F8.9499.5880.x
ST1 #4/6 BU431 *4
PRE-SUC-POS-LS

GS426 F8.9499.5880.x
ST1 #4/6 BU856 *4
PRESC-SUCT-0-LS

BU436 2 +40V 4 GND
BU2 *4 BU434 *4 BU435 *26
BU437 1 2 3 4

GS428 PRE-SUCTION-BD F8.9499.8140.x

400MA5

F8.5145.4574.x PRE-SLED-DRIVE M403
BR OR RT GE
400MA8

GS430 F8.9499.5880.x
ST1 #4/6 BU438 *4
PRE-SLEDPOS-LS

GS432 F8.9499.5880.x
ST1 #4/6 BU439 *4
PRESC-SLED-0-LS

BU443 2 +40V 4 GND
BU440 *4 BU441 *4 BU442 *26
BU444 1 2 3 4

GS434 PRESCAN-SLED-BD F8.9499.8140.x

400MA7

PRESLED

	DATUM	NAME		
BEARB	21.03.01	LUX	Gesamtschaltplan 4/7	TYP
GEPR			ADC COMPACT PLUS	5146/
NORM			PRE-POST TRANSPORT UNIT	100
AGFA-GEVAERT FOTOTECHNIK MUENCHEN			F1.5146.4003.0	
0 21957 AE-Z AE-NR	DATUM	NAME	ERSATZ FUER	

A | B | C | D | E | F | G | H

F8.9499.6540.X
GS554-OUTBUFF-PUSH-LS
ST1 #4/6
BU500 *4
BU512 *4

F8.9499.4620.X
GS562-OBUFF-CASS-DET
ST1 *4/4
BU501 *4

F8.9499.4640.X
GS560-OBUFF-CASS-DET
ST1 #4/6
BU503 *4
BU513 #6

F8.9499.5880.X
GS564-OUTBUFF-ROLL-LS
ST1 #4/6
BU504 *4
BU514 *4

GS552-OUTBUFF-PUSH-BD
F8.9499.8140.X
JL1
ST2 #4/6
ST3 #4/6
ST1 *26/26
ST5
ST4 *5/5
BU519 *4
BU520
BU521 *26
BU522 *5

GS558-OBUFF-CASS-DET
F8.5145.4410.X
ST2 #6/8
ST1 #4/6
BU518 *4

GS556-OUTBUFF-ROLL-BD
F8.9499.8140.X
JL1
ST3 #4/6
ST2 #4/6
ST7
ST5
ST1 *26/26
ST4 5/5
BU872
BU523
BU524 *26
BU525

M516-OUTB. PUSH-DRV
F8.5145.4574.x
GE RT OR BR

ST5-01A-ADAP-V
ST504
GND 5
BU34 1
+40V
GND
+40V
BU535 *26
ST500 *26

M515-OUTB. ROLL-DRV
F8.5145.4580.x
GE GEWS GNWS GN SW SWWS RTWS RT

500MA1
500MA2
500MA3
500MA4

F8.9499.6540.X
GS518-INBUFF-BELT-LS
ST1 #4/6
BU506 *4
BU515 *4

F8.9499.4620.X
GS516-INBUFF-CASS-DET
ST1 *4/4
BU507 *4

F8.9499.4640.X
GS514-INBUFF-CASS-DET
ST1 #4/6
BU508 *4
BU516 #6

F8.5145.4410.X
GS512-INBUFF-CASS-DET
ST2 #6/8
ST1 #4/6
BU530 *4

GS510-INBUFF-BELT-BD
F8.9499.8140.X
JL1
ST2 #4/6
ST3 #4/6
ST7
ST5
ST1 *26/26
ST4 1/5
BU529 *4
BU873
BU526 +40V
GND
BU527 *26
BU528

M514-INBUFF-BLT-DRV
F85145.4580.x
GE GEWS GNWS GN SW SWWS RTWS RT

500MA5
500MA6

GS540-CASS-DOT-DETECT
F8.9499.6940.X
ST1 #4/6
BU509 *4
BU531 *4

F8.9499.6540.X
GS534-INBUFF-DOOR-LS
ST1 #4/6
BU510 *4
BU517 *4

GS532-INBUFF-DOOR-BD
F8.9499.8140.X
JL1
ST2 #4/6
ST3 #4/6
ST1
ST4 1/5
ST5
ST1 *26/26
BU532 +40V
GND 5
BU533 *26
BU534

M513-IBUFF-DOOR-DRV
F8.5145.4524.x
GE RT OR BR

500MA7
500MA8

GS530
EMERGENCY-NODE
F7.0486.1318.X
ST1 *26/26
BU511 *26

GS538-RF-TAG-ANTENNA
F7.0486.1316.X
BU1 *6/6
ST502 *6

GS536-RF-TAG-READER
F7.0486.1315.X
BU1 *6/6
ST503 *6
ST1 *20/20
ST506 *20
GND1

GS568
DISPLAY LCD-MOD
F8.8377.3202.X
ST1 *20/20
BU536 *20
(20)
BU537 *20

GS566-LCD-TERMINAL-BD
F8.8377.1450.X
ST4 *2/2
S30
ST5 *20/22
ST2
ST1
ST11
BU538
500MA9

GS570 FLACHKEYBOARD F7.5145.1381.2

(LCD) /3.3H
(SM_Outbuffer) /1.3A
(IO_OUTBUFF) /3.6H
(Inbuff_Belt) /1.2A
(IO_MSB) /1.1A
(IO_B_INBUFF) /3.6H
(Inbuff_Door) /1.2A
(RF_READER) /3.3H

					DATUM	NAME	Gesamtschaltplan 5/7	TYP
				BEARB	21.03.01	LUX	ADC Compact Plus	5146/
				GEPR			INPUT- and OUTPUTBUFFER	100
				NORM				
0	21957			AGFA-GEVAERT FOTOTECHNIK MUENCHEN			F1.5146.4003.0	
AE-Z	AE-NR	DATUM	NAME				ERSATZ FUER	

(PM_1) /3.4H
(POLYGON_CTRL) /3.3H
(LD-MODUL) /3.2H
(SM_Scan) /1.2A
(IO_OPTIK) /3.6H

15

BU1
1 sw
2 br
8 rt
9 or
10 de
15 gn
3 sw
4 br
7 rt
11 on
12 ge
14 gn
5 sw
6 br
13 rt
16
17

600MA2

(11)

ST1 1/17 2/17 8/17 9/17 10/17 15/17 3/17 4/17 7/17 11/17 12/17 14/17 5/17 6/17 13/17 16/17 17/17

GS622 PM-TUBE 1
F8.5146.2250.X

GS612 POST-ALIGN-LS
F8.9499.6540.x
ST1 #4/6
BU603 *4 4
BU619 *4

GS614 POST-IP-DET-LS
F8.9499.6540.x
ST1 #4/6
BU604 *4 4
BU611 *4

GS626 BEGIN-O-SCAN-LS
F8.9499.4630.X
ST1 #4/6 ST1
S4759 BU871 *4 2

GS628 BEGIN-O-SCAN-LS
F8.9499.4640.X
ST1 #4/6 ST1
S4758 BU870 *4 4
BU51 #6

GS616 PRE-ALIGN-LS
F8.9499.6540.x
ST1 #4/6
BU605 *4 4
BU602 *4

GS618 ROLLER-LIFT-LS
F8.9499.6540.x
ST1 #4/6
BU606 *4 4
BU638 *4

26
BU612 *26 26

ST19 #4/6 ST21 #4/6 ST8 #4/6 ST11 #4/6 ST12 *26/26 ST51 #6/8 ST39 #4/6 ST40 #4/6 ST1 #4/6 ST2 #4/6 ST37 #4/6 ST38 #4/6

SUBNODE 1 JL2
SUBNODE 2 JL1

ST601
+40V1
GND 2

BU1
1/2
2/2

GS610 5FOLD-ST-SCAN
F8.9499.8120.x

ST14 4/4 3/4 2/4 1/4
ST15 *4/4
ST18 #2/4
ST17 4/4 3/4 2/4 1/4
ST30 *2/2
ST23 4/4 3/4 2/4 1/4
ST24 *4/4
ST32 4/4 3/4 2/4 1/4
ST33 *4/4
ST34 *4/4
ST35 *4/4

MA14 (8)
BU600 *8 8
BU601 #25 25
26 Schirm

ST1 *8/8
ST2 #25/27 26/27

GS620 OPTIKMODUL
F8.5146.2750.X

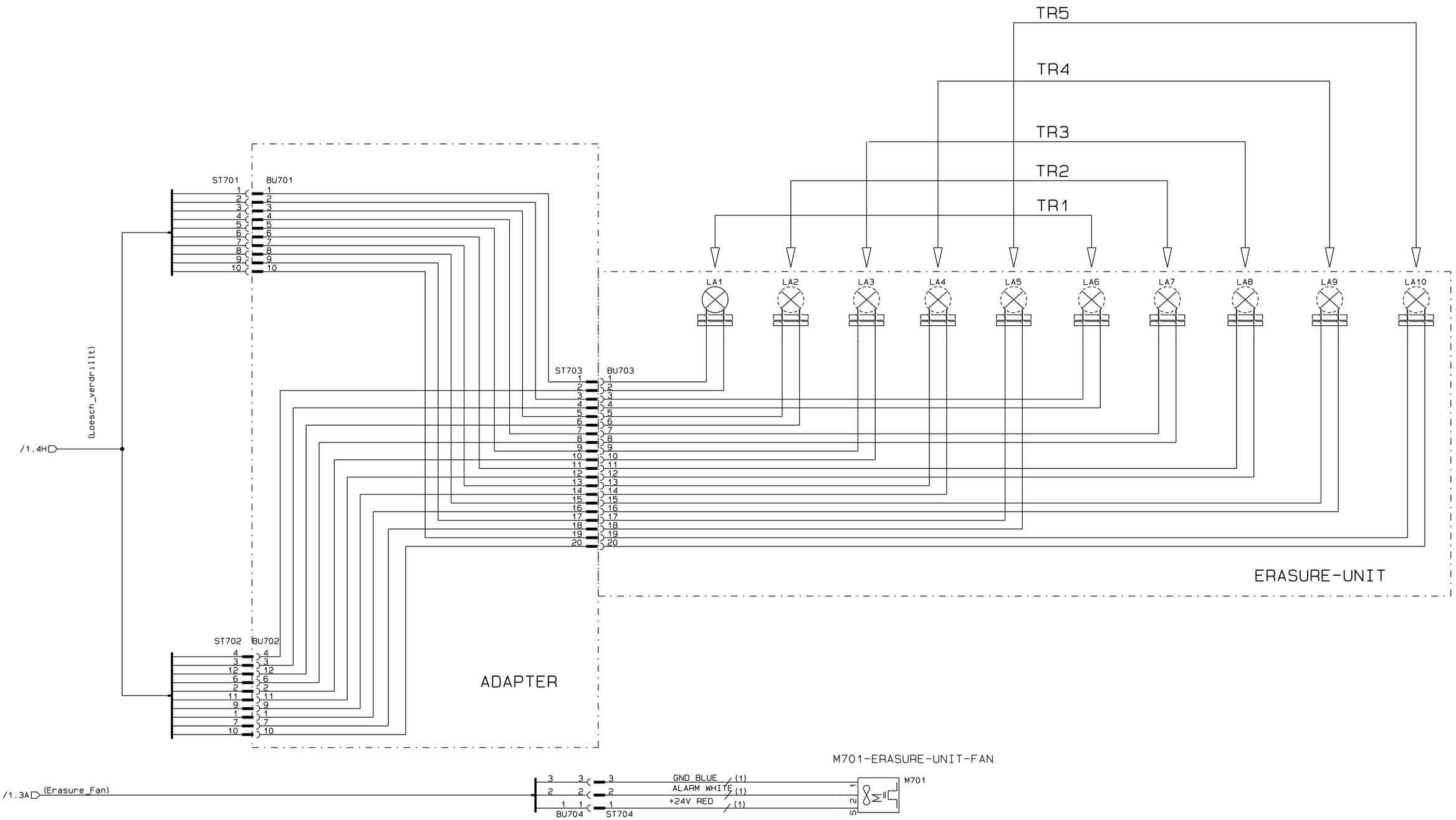
BU618 4 3 2 1 600MA12
BU713 4 3 2 1 600MA13
ST4-01A-ADAP-V ST603 A4 A3 A2 A1 B4 B3 B2 B1
BU715 4 3 2 1 600MA6 600MA7
GE RT OR BR
M612
POST-ALIGN-DRV
F8.5145.4524.x

BU615 4 3 2 1 600MA4
600MA5 GE RT OR BR
M702
SLOWSCAN-DRV
F8.5146.2510.x

BU718 4 3 2 1 600MA10
600MA11 GE RT OR BR
M622
PRE-ALIGN-DRV
F8.5145.4524.x

BU623 4 3 2 1
BU720 4 3 2 1
ST4-01A-ADAP-V ST604 A4 A3 A2 A1 B4 B3 B2 B1
BU721 4 3 2 1 600MA8 600MA9
GE WS BL RT
M621
ROLL-LIFT-DRV
F8.5146.2635.x

					DATUM	NAME	Gesamtschaltplan 6/7 ADC Compact Plus SCAN/OPTIC UNIT	TYP 5146/100
				BEARB	21.03.01	LUX		
				GEPR				
				NORM				
0	21957			AGFA-GEVAERT FOTOTECHNIK MUENCHEN			F1.5146.4003.0	
AE-Z	AE-NR	DATUM	NAME				ERSATZ FUER	


TR5
TR4
TR3
TR2
TR1
LA1
LA2
LA3
LA4
LA5
LA6
LA7
LA8
LA9
LA10
ST701
BU701
ST703
BU703
ST702
BU702
(Loesch_verdrillt)
/1.4H
ERASURE-UNIT
ADAPTER
M701-ERASURE-UNIT-FAN
/1.3A
(Erasure_Fan)
GND BLUE
ALARM WHITE
+24V RED
M701
BU704
ST704

| | | |